

Attn: Kay Dayhoff, 1270 Fairfield Rd, Gettysburg, PA 17325

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

K Q 2 X I T
(Call Sign)

XD FX & MO
(Class of station)

S-0244-EX-90
(File number)

NAME MOTOROLA, INC

Within 100 mile radius of Fort Lauderdale, Florida
(Location of station)

Special Temporary Authority is hereby granted to operate the radio transmitting apparatus described below:

Frequency MHz	Authorized Power (watts)	Emission Designator
Every 100 kHz Beginning 864.150 ending 868.05	1000 (ERP)	12K0F1D/F1E

This special temporary authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This special temporary authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

This authorization effective July 25, 1990 and
will expire 3:00 A.M. EST. January 25, 1991

FEDERAL
COMMUNICATIONS
COMMISSION



MOTOROLA INC.

June 12, 1990

Mr. Frank Wright
Chief, Frequency Liaison Branch
Office of Engineering & Technology
Federal Communications Commission
2025 M Street NW, Room 7322
Washington, DC 20554

Dear Mr. Wright:

Motorola requests a Special Temporary Authority (STA) under experimental licenses KQ2XIU & KQ2XIT for propagation testing.

The parameters are:

Frequency Band/ # of frequencies: 40 every 100 khz beginning 864.150 ending 868.050

Power: FX base 1W ERP, MO 100 MW ERP

Emission: 12KOF1D, 12KOF1E

Location: 8000 W Sunrise Blvd, Ft. Lauderdale, Fl. (26 08 51- 80 15 15)

Station Class: XD FX MO

of units: FX 250, MO 1000

Operating Area: within 100 miles of Fort Lauderdale, Fl.

Duration: 6 months

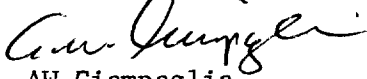
We would like to begin testing immediately upon grant of STA.

In Docket #79-144 the Commission categorically excluded regularly licensed land mobile and microwave systems from routine environmental processing concerning radio frequency (RF) radiation. While experimental actions were not categorically excluded, the facilities requested in the application are of a similar nature and should not exceed the ANSI standard used by the Commission for public exposure to RF radiation.

We will be filing modifications to our existing licenses, KQ2XIT & KQ2XIU, to add frequencies 864.150-868.050. Due to our urgency to begin testing immediately, we are requesting this STA.

Please fax authorization to Kay Dayhoff, (717) 334-9588.

Sincerely,



AW Ciampaglia
Manager
Motorola, Inc.
Gettysburg, Pa.



MOTOROLA INC.

June 12, 1990

Mr. Frank Wright
Chief, Frequency Liaison Branch
Office of Engineering & Technology
Federal Communications Commission
2025 M Street NW, Room 7322
Washington, DC 20554

Dear Mr. Wright,

Motorola wishes to begin propagation testing in the 864.150-868.050 MHz spectrum under existing call signs, KQ2XIU & KQ2XIT, immediately.

We are requesting the enclosed STA, as we would like to begin the testing immediately, upon grant of the STA.

Also enclosed are FCC Form 442's, modifying our existing licenses, KQ2XIU and KQ2XIT, to add the 864.150-868.050 MHz spectrum to these authorizations.

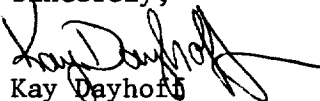
I hope all forms are in order and completed correctly.

On the modifications enclosed, we wish to add the 800 MHz spectrum, as well as continue to operate on the frequencies assigned to us under call signs KQ2XIU & KQ2XIT.

If you have any questions, please give me a call.

Thank you,

Sincerely,


Kay Dayhoff
Motorola, Inc.
Gettysburg, Pa.

FEDERAL COMMUNICATIONS COMMISSION
FEE PROCESSING FORM



FCC/MELLON JUN 18 1990

06-19-90 8320019 005

Please read instructions on back of this form before completing it. Section I **MUST** be completed. If you are applying for concurrent actions which require you to list more than one Fee Type Code, you must also complete Section II. This form must accompany all payments. Only one Fee Processing Form may be submitted per application or filing. Please type or print legibly. All required blocks must be completed or application/filing will be returned without action.

SECTION I

APPLICANT NAME (Last, first, middle initial)
Motorola Inc.

MAILING ADDRESS (Line 1) (Maximum 85 characters - refer to Instruction (2) on reverse of form)

1270 Fairfield Road

MAILING ADDRESS (Line 2) (If required) (Maximum 85 characters)

CITY

Gettysburg

STATE OR COUNTRY (If foreign address)

Pa.

ZIP CODE

17325

CALL SIGN OR OTHER FCC IDENTIFIER (If applicable)

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in FCC Fee Filing Guides. Enter in Column (B) the Fee Multiple, if applicable. Enter in Column (C) the result obtained from multiplying the value of the Fee Type Code in Column (A) by the number entered in Column (B), if any.

(A)	(B)	(C)								
FEE TYPE CODE	FEE MULTIPLE (If required)	FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY							
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SECTION II — To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)	(B)	(C)											
FEE TYPE CODE	FEE MULTIPLE (If required)	FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY										
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ADD ALL AMOUNTS SHOWN IN COLUMN C, LINES (1) THROUGH (6), AND ENTER THE TOTAL HERE.
THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE →

TOTAL AMOUNT REMITTED WITH THIS APPLICATION OR FILING	FOR FCC USE ONLY			
\$ <table><tr><td></td><td></td><td></td></tr></table>				35.00